

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. A process for forming a drag reducing agent comprising a polyalphaolefin and at least one alpha olefin monomer partitioning agent, the process comprising:
 - contacting alpha olefin monomers with at least one catalyst in a reactant mixture, wherein the reactant mixture includes at least one alpha olefin monomer partitioning agent; and
 - polymerizing the alpha olefin monomers, wherein during the polymerization at least a portion of the alpha olefin monomer polymerize in the reactant mixture to provide a polyalphaolefin.
2. The process of claim 1, wherein the at least one catalyst is a transition metal catalyst.
3. The process of claim 2, wherein the transition metal catalyst is a Ziegler-Natta catalyst.
4. The process of claim 3, wherein the Ziegler-Natta catalyst is titanium trichloride.
5. The process of claim 4, wherein the at least one alpha olefin monomer partitioning agent is selected from the group consisting of ~~C₂₀-C₆₀ alpha olefin monomers~~ C₂₀, C₂₁, C₂₂, C₂₃, C₂₄, C₂₅, C₂₆, C₂₇, C₂₈, C₂₉, C₃₀, C₃₁, C₃₂, C₃₃, C₃₄, C₃₅, C₃₆, C₃₇, C₃₈, C₃₉, C₄₀, C₄₁, C₄₂, C₄₃, C₄₄, C₄₅, C₄₆.

C₄₇, C₄₈, C₄₉, C₅₀, C₅₁, C₅₂, C₅₃, C₅₄, C₅₅, C₅₆, C₅₇, C₅₈, C₅₉, and C₆₀ alpha olefin monomers, and mixtures thereof.

6. The process of claim 4, wherein the at least one alpha olefin monomer partitioning agent is at least one C₃₀ alpha olefin monomer.

7. The process of claim 1, wherein the reactant mixture includes at least one co-catalyst.

8. The process of claim 7, wherein the at least one co-catalyst is selected from the group consisting of alkylaluminoxanes, halohydrocarbons, diethylaluminum chloride, and dibutylaluminum chloride.

9. The process of claim 1, wherein the at least one alpha olefin monomer partitioning agent is selected from the group consisting of C₂₀–C₆₀ alpha olefin monomers C₂₀, C₂₁, C₂₂, C₂₃, C₂₄, C₂₅, C₂₆, C₂₇, C₂₈, C₂₉, C₃₀, C₃₁, C₃₂, C₃₃, C₃₄, C₃₅, C₃₆, C₃₇, C₃₈, C₃₉, C₄₀, C₄₁, C₄₂, C₄₃, C₄₄, C₄₅, C₄₆, C₄₇, C₄₈, C₄₉, C₅₀, C₅₁, C₅₂, C₅₃, C₅₄, C₅₅, C₅₆, C₅₇, C₅₈, C₅₉, and C₆₀ alpha olefin monomers, and mixtures thereof.

10. The process of claim 1, wherein the at least one alpha olefin monomer partitioning agent is at least one C₃₀ alpha olefin monomer.